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Title: JP2001091253A2: DETECTING SYSTEM OF MAP COORDINATES FINDING DEVICE

Country: JP Japan
Kind: A2 Document Laid open to Public inspection [i]

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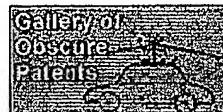
Abstract:

PROBLEM TO BE SOLVED: To obtain map coordinates of an object corresponding to an optional picture element, as for a camera type range finding device to detect a distance to the object for every pixel.
SOLUTION: Range finding light is radiated on an object, reflected light from the object is received by a CCD 28, and the distance to the object corresponding to each pixel of the CCD 28 is detected from the amount of light received. A GPS antenna 50, a GPS-receiving circuit 22, an azimuth sensor 46 and an inclination sensor 48 are provided. The longitude and latitude of a camera are detected by receiving a signal from a satellite. The relative position of the object corresponding to an arbitrary pixel is found from the distance to the object detected for every pixel, the azimuth of the camera detected by the azimuth sensor 46 and inclination of the camera detected by the inclination sensor 48, by making the camera as a cardinal point. The longitude and latitude of the object corresponding to an arbitrary image are detected from the relative position of the object from the camera and the longitude and latitude of the camera.
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Family: Show 5 known family members

Other Abstract Info: None

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